

# UTILITY PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. §1.53(b)

ASSISTANT COMMISSIONER FOR PATENTS

Box PATENT APPLICATION

Washington D.C. 20231

Case Docket No.: HI-0049

Transmitted herewith for filing is the patent application of

INVENTOR OR APPLICATION IDENTIFIER: Sang Hun SUNG

FOR: APPARATUS FOR ESTIMATING PHASE INFORMATION USING MATCHED FILTER IN COMMUNICATION SYSTEM AND METHOD THEREOF

Enclosed are:

1. ☒ 21 pages of specification, claims, abstract
2. ☒ 3 sheets of FORMAL drawing.
3. ☒ 2 pages of newly executed Declaration & Power of Attorney (copy).
4. ☒ Priority Claimed to Korean Appln. No. 72947/2000, filed December 4, 2000, whose entire disclosure is incorporated herein by reference.
5. ☐ Small Entity Status Claimed.
6. ☐ Information Disclosure Statement, Form PTO-1449 and reference.
7. ☒ Assignment Papers for LG Electronics, Inc. (cover sheet, assignment & assignment fee).
8. ☒ Certified copy of Korean Patent Application No. 72947/2000, filed December 4, 2000.
9. ☒ Two (2) return postcards.
- ☒ Stamp & Return with Courier.
- ☒ Prepaid Postcard-Stamped Filing Date & Returned with Unofficial Serial Number.
10. ☒ Authorization under 37 C.F.R. §1.136(a)(3).
12. ☐ Other:
11. ☐ Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)

## CLAIMS AS FILED

For	No. Filed		No. Extra	Rate	Fee
Total Claims	25	- 20	5	X \$18.00	\$90.00
Indep. Claims	4	- 3	1	X \$84.00	\$84.00
Multiple Dependent Claims (If applicable)				X \$270.00	\$0.00
BASIC FEE					\$740.00
TOTAL FILING FEE					\$914.00

☐ This is a Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ filed \_\_\_\_\_. Incorporation By Reference-The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

☐ Amend the specification by inserting before the first line the sentence:

--This application is a continuation-in-part of Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_.--

☒ A check in the amount of \$740.00 (Check #01635) is attached.

☐ Please charge my Deposit Account No. 16-0607 in the amount of \$\_\_\_\_. A duplicate copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 16-0607. A duplicate copy is enclosed.

☒ Any additional filing fees required under 37 C.F.R. 1.16.

☒ The Commissioner is hereby authorized to charge payment of following fees during the pendency of this application or credit any overpayment to Deposit Account No. 16-0607. A duplicate copy of this sheet is enclosed.

☒ Any patent application processing fees under 37 C.F.R. 1.17.

☒ Any filing fees under 37 C.F.R. 1.16 for presentation of extra claims.

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